

Economics and Data Analytics Minor

工商管理學士(榮譽)—經濟學及數據分析副修

Major Programme Offering the Minor Programme

Bachelor of Business Administration (Honours) Programme

Offering Department

Department of Economics

Philosophy and Rationale

The Economics and Data Analytics Minor is offered in the belief that a sound training in Economics and Data Analytics gives a particularly useful perspective for data-driven decision making in business.

Programme Intended Learning Outcomes (PILOs)

Upon completion of the Economics and Data Analytics Minor, students will be able to

- (1) acquire a comprehensive background understanding and knowledge in different topics in the applied economics discipline.
- (2) acquire both the qualitative and quantitative problem-solving skills to function effectively in business environment and everyday life.
- (3) demonstrate their awareness and understanding of the global economies, with emphasis on Hong Kong and Chinese economies.

Alignment of PILOs to HKBU Graduate Attributes

PILOs	HKBU Graduate Attributes*							No. of GAs addressed by this PILO
	Citizen ship	Knowledge	Learning	Skills	Creativity	Communication	Team work	
PILO1		✓	✓	✓				3
PILO2		✓	✓	✓				3
PILO3	✓	✓	✓					3
<i>No. of PILOs addressing this GA</i>	1	3	3	2				

Medium of Instruction:

English

Year of Implementation

September 2020

Programme Structure (15 units)

Required course (3 units)

ECON 1007 Basic Economic Principles 3 units

Elective courses (12 units)

ECON 2015 Hong Kong Economy 3 units

ECON 2017# Economics of Health and Medical Care 3 units

ECON 2035 Introduction to Technical Analysis 3 units

ECON 3005 Applied Econometrics 3 units

ECON 3006	Asia-Pacific Economies	3 units
ECON 3007	Industrial Organisation and Business Decision	3 units
ECON 3015	Public Finance	3 units
ECON 3016	International Trade	3 units
ECON 3017	International Financial Economics	3 units
ECON 3025	Money and Banking	3 units
ECON 3026	Chinese Economic Developments	3 units
ECON 3027	Mathematical Analysis for Economics	3 units
ECON 3035 [#]	Industrial Management and Development in China	3 units
ECON 3036	Economics of Human Resources	3 units
ECON 3055	Games and Economic Decisions	3 units
ECON 3046	Economic Development	3 units
ECON 3085	Economics of Entrepreneurship	3 units
ECON 3086	Programming for Economics and Business Analysis	3 units
ECON 3087	Understanding the Digital Economy	3 units
ECON 3096	Causal Inference	3 units
ECON 3097	Data Visualization for Economics Storytelling	3 units
ECON 3105	Big Data Analytics	3 units
ECON 4005	China's Foreign Economic Relations and Trade	3 units
ECON 4006	Time Series Analysis and Forecasting	3 units
ECON 4007	Money and Finance in China	3 units
ECON 4016	Analyzing Spatial, Textual and Network Data	3 units
ECON 4017	Innovation and Entrepreneurial Economy: China and Global Development	3 units
ECON 4025 [#]	Predictive Modelling	3 units

Remarks:

1. Students who have taken both ECON1005 Principles of Economics I and ECON 1006 Principles of II are not required to take ECON1007 Basic Economic Principles as the required course. Thus they are only required to take 12 units of elective courses to fulfil the minor programme requirement.
2. Students must take at least one Level III or above courses.
3. Students who have taken any of the above courses in their major programmes have to take additional elective course(s) to fulfil the minor programme requirement.
4. # Course description please refers to University Student Handbook.
5. Students majoring in BSSc China Studies who have taken CHSE 1005 Essentials of Economics are required to replace the required course by one of the elective courses.